

**Data Collection and Preprocessing Phase**

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| Date | 15 July 2024 |
| Team ID | 740684 |
| Project Title | SpaceX Falcon 9 First Stage Landing Success Predictor |
| Maximum Marks | 2 Marks |

**Data Collection Plan & Raw Data Sources Identification Template**

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavor.

**Data Collection Plan Template**

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| **Section** | **Description** |
| Project Overview | This project aims to predict the success of SpaceX Falcon 9 first stage landings. The objectives include collecting data on previous launches, analyzing factors influencing landing success, and building a predictive model. |
| Data Collection Plan | Data will be collected from Kaggle datasets, and public records of launch events. |
| Raw Data Sources  Identified | The raw data sources include SpaceX API for real-time data, Kaggle for historical launch data, and publicly available datasets on launch statistics. |



**Raw Data Sources Template**

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| --- | --- | --- | --- | --- | --- |
| **Source**  **Name** | **Description** | **Location/URL** | **Format** | **Size** | **Access Permissions** |
| Kaggle  Dataset | Historical data on  SpaceX launches | [SpaceX\_Falcon9\_](https://www.kaggle.com/datasets/sagarvarandekar/spacex-falcon9-launch-data)  [Launch\_Data |](https://www.kaggle.com/datasets/sagarvarandekar/spacex-falcon9-launch-data)  [Kaggle](https://www.kaggle.com/datasets/sagarvarandekar/spacex-falcon9-launch-data) | CSV | 2GB | Public |